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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

5

Application Number

10/720,558

Filing Date

November 24, 2003

First Named Inventor

David M. Lowe, et al.

Art Unit

1764

Examiner Name

Patricia L. Hailey

Attorney Docket Number

2003B124

## ENCLOSURES (Check all that apply)

- Fee Transmittal Form  
 Fee Attached  
 Amendment / Reply  
 After Final  
 Affidavits/declaration(s)  
 Extension of Time Request  
 Express Abandonment Request  
 Information Disclosure Statement  
 Certified Copy of Priority Document(s)  
 Response to Missing Parts/ Incomplete Application  
 Reply to Missing Parts under 37 CFR 1.52 or 1.53

- Drawing(s)  
 Licensing-related Papers  
 Petition  
 Petition to Convert to a Provisional Application  
 Power of Attorney, Revocation Change of Correspondence Address  
 Terminal Disclaimer  
 Request for Refund  
 CD, Number of CD(s) \_\_\_\_\_  
 Landscape Table on CD

- After Allowance Communication to TC  
 Appeal Communication to Board of Appeals and Interferences  
 Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  
 Proprietary Information  
 Status Letter  
 Other Enclosure(s) (please identify below):  
**Postcard Form 1449 2 References**

Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

ExxonMobil Chemical Company

Signature

Printed name

Kelly A. Nowak

Date

June 3, 2005

Reg. No. 35,620

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the

Signature

Typed or printed name

Tracy N. Keyes

Date

June 3, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Doc Code:

PTO/SB/17 (12-04v2)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Effective 01/01/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL for FY 2005

 Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$)

**\$180.00**
**Complete if Known**

Application Number	10/720,558
Filing Date	November 24, 2003
First Named Inventor	David M. Lowe, et al.
Examiner Name	Patricia L. Hailey
Art Unit	1764
Attorney Docket No.	2003B124

**METHOD OF PAYMENT** (check all that apply)

 Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_

 Deposit Deposit Account Number: 05-1712 Deposit Account Name: ExxonMobil Chemical Company

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Charge fee(s) indicated below   | <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee |
| <input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s) under 37 CFR 1.16 and 1.17 | <input checked="" type="checkbox"/> Credit any overpayments                       |

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**FEE CALCULATION**
**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		
	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fees Paid(\$)</u>
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

**2. EXCESS CLAIM FEES**
Fee Description

<u>Fee Description</u>	<u>Small Entity</u>
Each claim over 20 (including Reissues)	50 25
Each independent claim over 3 (including Reissues)	200 100
Multiple dependent claims	360 180

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 20 or HP =	x	\$50.00	= \$0.00			

HP = highest number of total claims paid for, if greater than 20.

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 3 or HP =	x	\$200.00	= \$0.00

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listing under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 100 =	0	/ 50 0 (round up to a whole)	x \$250.00 = \$0.00	

**4. OTHER FEE(\$)**

Non-English specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Information Disclosure Statement

\$180.00

**SUBMITTED BY**

Signature	<u>Kelly A. Nowak</u>	Registration No. (Attorney/Agent)	35,620	Telephone	281-834-0341
Name (Print/Type)				Date	June 3, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



<b>TRANSMITTAL OF SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97(b), 1.97(c), or 1.97(d)</b>			
		Attny. Docket No. <b>2003B124</b>	
<b>In Re Application of: David M. LOWE et al.</b>			
U.S. Serial No. <b>10/720,558</b>	Filing Date <b>11/24/03</b>	Examiner <b>Patricia L. HAILEY</b>	Group Art Unit <b>1764</b>

Address to:  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Arlington, VA 22313-1450**

### **37 CFR § 1.97(b)**

- The Information Disclosure Statement submitted herewith is being filed within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d); within three months of the date of entry of the national stage as set forth in § 1.491 in an international application; before the mailing of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.

### **37 CFR § 1.97(c)**

- The Information Disclosure Statement submitted herewith is being filed after three months of the filing date of a national application other than a continued prosecution application under § 1.53(d); after three months of the date of entry of the national stage as set forth in § 1.491 in an international application; after the mailing of a first Office Action on the merits; or after the mailing of a first Office Action after the filing of a request for continued examination under § 1.114, but before the mailing date of:

1. a Final Action under § 1.113,
2. a Notice of Allowance under § 1.311, or
3. an action that otherwise closes prosecution in the application,

and is accompanied by either:

- the fee as set forth in § 1.17(p), or  
 the following statement under § 1.97(e)(1): each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

### **37 CFR § 1.97(d)**

- The Information Disclosure Statement submitted herewith is being filed after a Final Action under § 1.113, a Notice of Allowance under § 1.311, or an action that otherwise closes prosecution in the application, but before, or simultaneously with, the payment of the issue fee. Submitted herewith is the fee as set forth in § 1.17(p) and the following statement under 37 CFR § 1.97(e)(1): each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

Applicant hereby request consideration of the Information Disclosure Statement, USPTO form 1449, submitted herewith.

- Legible copies of the international references are enclosed, as required.

- This application is a:  
 Continuation / Divisional,  
 Continuation-in-Part,

The Commissioner is hereby authorized to charge any additional fees which may be required by this paper, or credit any overpayment, to Deposit Account Number 05-1712. A duplicate copy of this form is enclosed.

June 3, 2005

Date

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**SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT**
*(Use several sheets if necessary)*

ATTY./DOCKET NO.	SERIAL NO.
2003B124	10/720,558
APPLICANT	
David M. LOWE et al.	
FILING DATE	GROUP
11/24/03	1764

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,651,167	03/21/1972	Rosset			
	AB	4,207,169	06/10/1980	Courty et al.			
	AC	4,487,848	12/11/1984	Robinson et al.			
	AD	4,522,935	06/11/1985	Robinson et al.			
	AE	4,677,094	6/30/1987	Moser et al.			
	AF	5,233,118	08/03/1993	Bricker et al.			
	AG	5,536,695	07/16/1996	Blejean et al.			
	AH	5,965,481	10/12/1999	Durand et al.			
	AI	6,084,140	07/04/2000	Kitamura et al.			
	AJ	6,153,090	11/28/2000	Le Peltier et al.			
	AK	6,187,985	02/13/2001	Le Peltier et al.			
	AL	6,436,871	08/20/2002	Liu			
	AM	6,514,904	02/04/2003	Moser et al.			
	AN	6,777,371	08/17/2004	Liu			
	AO	2002/0136686	09/26/2002	Takahashi			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AP	WO 2004/046076	03.06.2004	PCT				

**OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)**

AQ	Li, et al., "Selective Catalytic Reduction of NO Over Metal Oxide or Noble Metal-Doped $In_2O_3/Al_2O_3$ Catalysts By Propene in the Presence of Oxygen", Reaction Kinetics and Catalysis Letters, 2003, Vol. 80, No. 1, pp. 75-80, XP008030692
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EXAMINER	DATE CONSIDERED
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\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next comment to applicant